

MOLDOVANOVA, M., kandidat po fizikomatematicheskite nauki

Semiconductor photoelements. Tekhnika Bulg 3 no.3:10-12 Mr '54.

L 17794-65 DWT(1)/ENG(k)/EWP(v)/T/EWP(t)/EWP(s)/EWA(h) Feb IJP(c)/
AS(mp)-2/ASD(a)-5/RFWL/RAEM(c)/ESB(zs)/ESD(t) RDM/JD/AT
ACCESSION NR: AP5000681 S/0181/64/006/012/3717/3718
(6)

AUTHOR: Moldovanova, M.; Dimitrova, St.; Decheva, St.

TITLE: Semiconductor properties of tin telluride

SOURCE: Fizika tverdogo tela, v. 16, no. 12, 1964, 3717-3718

TOPIC TAGS: tin telluride, compound semiconductor, tin telluride
single crystal, single crystal growth, semiconductor property

ABSTRACT: The study of tin telluride was prompted by certain indications of its potential semiconductor properties and by the failure of previous attempts to prepare semiconductor tin telluride. Small SnTe single crystals were synthesized from carefully purified and degassed elements. The components were vacuum melted, and SnTe was crystallized from the vapor phase. The plot of electrical conductivity versus temperature was found to be typical of a semiconductor. The temperature dependence of thermal emf and the width of the forbidden gap were also determined. Low vacuum applied before measurement was detrimental to the semiconductor properties of SnTe. Orig. art. has: 2 figures.

Card

L 17794-65

ACCESSION NR: AP5000681

ASSOCIATION: Fizicheskiy fakul'tet Sofiyskogo universiteta, Narodnaya
Respublika Bolgariya (Physics Department, Sofia University, Bulgarian
People's Republic)

SUBMITTED: 07Jul64

ENCL: 00

SUB CODE: IC, SS

NO REF SOV: 000

OTHER: 003

ATD PRESS: 3153

MOLDOVANOVA, M.; DIMITROVA, St.; DECHEVA, St.

Semiconducting properties of SvTe. Fiz. tver. tela 6 no.12:
3717-3718 D '64 (MIRA 18:2)

1. Fizicheskiy fakul'tet Sofiyskogo universiteta, Narodnaya
Respublika Bolgariya.

1. 24568-69 EWT(l)/ENG(k)/EWT(m)/T/EWP(t)/EWP(b)/EWA(h) Pz-6/Feb IJP(c)
JE/AT

ACCESSION NR: AP5003197

G/0030/65/008/001/0173/0176

25
24
B

AUTHOR: Moldovanova, M.; Dimitrova, S.

TITLE: Semiconductor properties of pure galena crystals

SOURCE: Physica status solidi, v. 8, no. 1, 1965, 171-176

SYNOPSIS TAGS: semiconductor, electrical conductivity, Hall coefficient, differential thermoelectromotive force, Nernst Etingshausen coefficient, phonon drag, electron effective mass, lead sulfide crystal

ABSTRACT: The semiconductor parameters of PbS are usually hard to measure due to a large amount of impurities (W. Scanlon, Solid State Physics, vol. 9, 83, 1959). Lately, in the Rhodopi Mountains, the authors found several galena crystals of exceptional purity. The temperature dependence (between 100 and 500K) of the electrical conductivity, Hall coefficient, differential thermoelectromotive force, and Nernst-Etingshausen coefficient were investigated in these natural lead sulfide single crystals ($n \sim 3 \times 10^{15} \text{ cm}^{-3}$). The width of the forbidden energy gap at $T = 0$ was found to be 0.34 eV, the mobility ratio $\mu_n/\mu_p = 1.4$. The Hall mo-

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ACCESSION NR: AP5003197

bility in the intrinsic range varied as $T^{-3/2}$ and T^{-2} when the donors were completely ionized. A phonon drag effect occurred at low temperatures. The electron effective mass calculated from this data varied as $T^{0.2}$. The lifetime of injected carriers ranged from 20 to 60 ns and agreed with that obtained by W. Scalapin (Phys. Rev., 106, 718, 1957). Further tests are in progress concerning the density of vacancies, but preliminary results seem to indicate that this density is low. Orig. art. has: 12 formulas, 4 figures, and 1 table.

ASSOCIATION: Semiconductor Laboratory, Physics faculty, Sofia university

SUBMITTED: 01Oct64

ENCL: 00

SUB CODE: SS, EC

NO REP SOV: 002

OTHER: 004

Card 2/2

MITKOV, V.: MOLDOVANSKA, P.

Verbal experiment in the investigation of neuroses. *Suvrem. med.*, Sofia
8 no.11:81-89 1957.

1. Iz Klinikata po nervni bolesti pri VMI I. P. Pavlov Plovdiv (Direktor.
prof. T. Zaprianov). i Klinikata po psikiatriia S. S. Korsakov pri BMI
Plovdiv (Direktor: prof. K. Cholakov)

(REFLEX, CONDITIONED,

verbal experiment in neuroses (Bul))

(NEUROSES, manifest.

verbal experiment (Bul))

IONCHEV, V.; TASHEV, T.; MOLDOVANSKA, P.

Therapeutic effect and complications in largactil therapy of mental disorders. Suvrem. med., Sofia 9 no.5:28-36 1958.

I. Iz Katedrata po psizhiatriia pri VMI I. P. Pavlov -- Plovdiv (Zav katedrata: prof. K. Gholakov).

(CHLORPROMAZINE, ther. use,
ment. disord., results & compl. (Bul))

DZALDETI, A. [Dzhaldeti, A.]; MOLDOWANSKA, P. [Moldovanska, P.]; BALABANOVA, W.
[Balabanova, V.]

On the problem of puerperal psychoses. Folia med. (Plovdiv) 6
no.3:183-185 '64

1. Hohes Medizinisches Institut "Iv.P.Pavlov" zu Plovdiv, Bul-
garien, Lehrstuhl fuer Psychiatrie (Vorstand: Prof. Dr.
K. Tscholakov [K. Cholakov][deceased]).

MOLDOVANSKAYA, G.I.

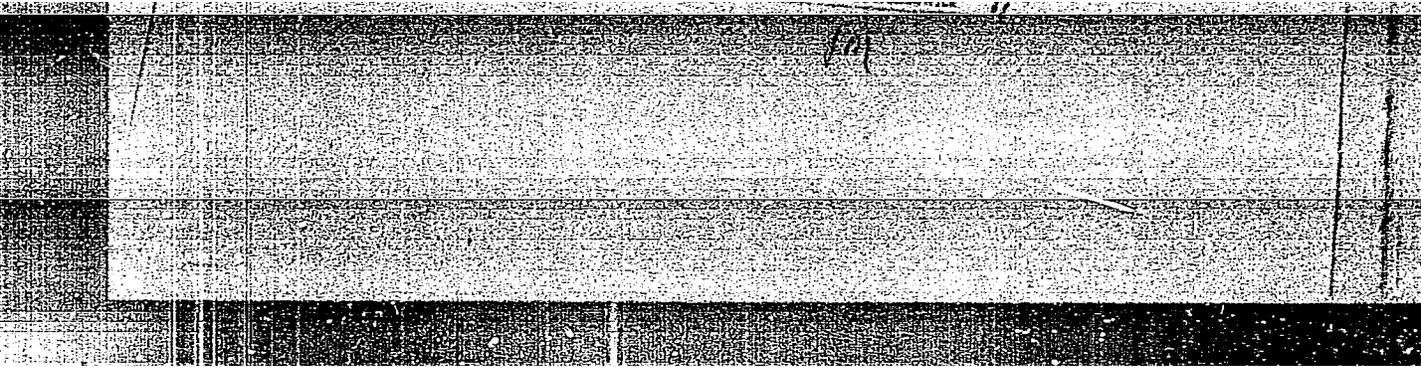
OSIPOVA, T.P.; KHEYFITS, L.A.; VISHNEVSKAYA, A.A.; MOLDOVANSKAYA, G.I.

Increasing the stability of fragrant substances. Report No.1.
Trudy VNIISNDV no.2:95-102 '54. (MIRA 10:7)
(Odorous substances)

Moldovanskaya, G. I.

Distr. 4841
Preparation of fragrant substances from alkyl phenols
L. A. Kheifits, G. I. Moldovanskaya, V. N. Plety, and I.
Nikolenko, Khim. Neftekhim. Prom. 2, 852 (1977)

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135020002-7



APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135020002-7"

MOLDOVANSKAYA, G.I.; NOVIKOVA, Ye.N.; SKVORTSOVA, N.I.; ZOBOV, Ye.N.

Utilization of the polarographic method for the analysis of
orris oil. Trudy VNIISNDV no.4:194-197 '58. (MIRA 12:5)
(Essences and essential oils--Analysis)
(Polarography)

S/079/60/030/04/73/080
B001/B003AUTHORS: Kheyfits, L. A., Moldovanskaya, G. I., Belov, V. N.TITLE: Aromatic Substances From Alkyl Phenols. I. Synthesis of
Aromatic Substances From Dimethylphenyl-p-cresol

PERIODICAL: Zhurnal obshchey khimii, 1960, Vol. 30, No. 4, pp. 1367-1373

TEXT: Alkyl phenols (Ref. 1) and terpene phenols (Refs. 2-9) are intermediates for the synthesis of aromatic substances. For this purpose the authors used a new product available, 2-(p-oxyphenyl)-2-phenyl propane (I) which is commercially produced in large amounts as "dimethylphenyl-p-cresol". With reference to the investigations of Refs. 1-9 the authors subjected compound (I) to similar reactions (Ref. 10). The hydrogenation of (I) in the presence of the skeleton nickelcatalyst resulted in 2-(4'-oxycyclohexyl)-2-cyclohexylpropane (II). Its acetate (III) is a clear liquid of lower viscosity than that of the initial alcohol. This acetate has no characteristic and strong odor in contrast to the acetate of the p-tertiary-butylcyclohexanol which has a strong flower-like scent. When alcohol (II) is oxidized with a chromate mixture in acetic acid the

Card 1/2

Aromatic Substances From Alkyl Phenols.
I. Synthesis of Aromatic Substances From
Dimethylphenyl-p-cresol

S/079/60/030/04/73/080
B001/B003

ketone (IV) is formed in a large yield. As expected, it has a distinct peculiar odor, but somewhat weaker than in the case of the p-tertiary-butylcyclohexanone (Ref. 1). In order to obtain new data concerning the dependence of the odor of the cyclic ketones on their structure, the authors investigated in which way the variation of the size of the ketonic ring becomes manifest. For this purpose the cyclohexanone ring of the ketone (IV) was contracted to the cyclopentanone ring and also expanded to the cycloheptanone ring (Scheme). The authors found that the contraction of the ketonic ring intensifies the odor considerably, whereas the expansion of the ring results in a weakening of the odor. There are 1 figure and 17 references, 12 of which are Soviet.

ASSOCIATION: Vsesoyuznyy nauchno-issledovatel'skiy institut sinteti-
cheskikh i natural'nykh dushistykh veshchestv (All-Union
Scientific Research Institute of Synthetic and Naturally
Occurring Aromatic Substances)

SUBMITTED: April 2, 1959

Card 2/2

S/079/60/030/05/66/074
B005/B126

AUTHORS: Kheyfits, L. A., Moldovanskaya, G. I., Broun, E. V.,
Belov, V. N.

TITLE: Analyses in the Field of Terpenophenols¹ III. Analyses of
the Condensation Products of Camphene With Phenol

PERIODICAL: Zhurnal obshchey khimii, 1960, Vol. 30, No. 5, pp. 1716-1721

TEXT: The authors examined the composition and structure of the reaction products that are formed by the condensation of camphene with phenol in the presence of a solution of borontrifluoride in glacial acetic acid. After standing for a long time a crystalline substance separates from the fractions of the vacuum distillation of the resin that is formed by this condensation; in pure state it forms bright, colorless needles, which melt at 103°. This product was isolated for the first time by two of the authors together with E. A. Simanovskaya. It was identified as p-isobornyl phenol. The oil from which this product separates, crystallizes again gradually after the separation of the p-isobornyl phenol and after several months forms a crystalline substance with a melting point of 79°. The authors were able to show that

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Analyses in the Field of Terpenophenols.
III. Analyses of the Condensation Products of
Camphene With Phenol

S/079/60/030/05/66/074
B005/B126

this compound is o-isobornyl phenol. Since the described separation of both isomeric isobornyl phenols is very difficult, the authors worked out a more suitable and easier method of isolating both compounds in pure state. In aqueous lyes both compounds are insoluble; but in aqueous-alcoholic lyes the para-isomers are more readily soluble than the ortho-isomers, which fact can be used for the separation. In order to prove the structure of the two compounds in detail, the authors took infrared absorption spectra of solutions of both isomeric compounds in carbon tetrachloride and in bromoform (Fig. 1). The analysis of the spectra is given in detail. Fig. 2 shows the ultraviolet absorption spectra of both isobornyl phenols. The assumed structure was also confirmed by measuring the dipole moments of the two compounds and their dibromides. It was established that 70% o-isobornyl phenol and 20% p-isobornyl phenol are formed by this condensation. The remaining 10% is probably composed partly of isobornyl acetate, which can form on the acetylation of camphene with acetic acid in the presence of BF_3 . All the reactions carried out are described in detail in the experimental part. N. I. Kursanov is mentioned (Ref. 19). The authors thank A. V. Iogansen for valuable advice concerning the spectroscopic analyses, and Ye. A. Shott-L'vova for the

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Analyses in the Field of Terpenophenols.
III. Analyses of the Condensation Products of
Camphene With Phenol

S/079/60/030/05/66/074
B005/B126

measurement of the dipole moments. There are 2 figures and 24 references,
9 of which are Soviet. ✓

ASSOCIATION: Vsesoyuznyy nauchno-issledovatel'skiy institut sinteticheskikh
i natural'nykh dushistykh veshchestv (All-Union Scientific
Research Institute for Synthetic and Natural Aromatic Sub-
stances)

SUBMITTED: April 16, 1959

Card 3/3

KHEYFITS, L.A.; MOLDOVANSKAYA, G.I.; BELOV, V.N.

Odorous substances derived from alkylphenols. ~~Subject No. 2:~~
Synthesis of odorous substances from 4-(1'-methylcyclohexyl)-
phenol. Trudy VNIISNDV no.5:6-8 '61. (MIRA 14:10)
(Odorous substances) (Phenol)

KHEYFITS, L.A.; MOLDOVANSKAYA, G.I.; POPOVA, Yu.I.

Preparation of new odorous substances from condensation products
of camphene with 2,6-xyleneol. Zhur.VKHO 7 no.2:234-235 '62.
(MIRA 15:4)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut sinteticheskikh
i natural'nykh dushistykh veshchestv.
(Odorous substances) (Camphene) (Xyleneol)

KHEYFITS, L.A.; MOLDOVANSKAYA, G.I.; KOKHMANSKIY, A.V.; BELOV, V.N.

Odorous substances from alkylphenols. Part 3: Synthesis of
odorous substances from p- and o-tert.-amylphenols. Zhur. ob.
khim. 32 no.5:1467-1473 My '62. (MIRA 15:5)

1. Vsesoyuznyy nauchno-issledovatel'skiy inatitut sinteticheskikh
i natural'nykh dushistykh veshchestv.
(Odorous substances) (Phenol)

KHEYFITS, L. A.; MOLDOVANSKAYA, G. I.; IL'INA, G. P.

Determination of the structure of a terpene residue in a
phenyl terpene ether obtained from camphene and phenol. Zhur.
ob. khim. 32 no.12:4096-4097 D '62. (MIRA 16:1)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut sinteticheskikh
i natural'nykh dushistykh veshchestv.

(Terpene) (Camphene) (Phenol)

MOLDOVANSKAYA, G.I.; KHEYFITS, L.A.; PEREGUDOVA, Zh.A.; IL'INA, G.P.

Odorous substances from alkyl phenols. Report No.4: Synthesis
of 2-tert-butylcyclohexanol and 2-tert-butylcyclohexanone, odorous
substances with the odor of mint. Trudy VNIISNDV no.6:29-31 '63.
(MIRA 17:4)

KHEYFITS, L.A.; SHULOV, L.M.; MOLDAVANSKAYA, G.I.; SKVORTSOVA, A.B.;
NOVIKOVA, Ye.N.

Oximation of terpenocyclohexanones. Trudy VNIISNDV no.6:112-116
'63. (MIRA 17:4)

KHEYFITS, L.A.; MOLDOVANSKAYA, G.I.; SHULOV, L.M.

Thin-layer chromatography of some alkyl phenols and alkyl
cyclohexanones. Zhur. anal. khim. 18 no.2:267-274 F '63.
(MIRA 17:10)

1. All-Union Scientific-Research Institute of Synthetic and
Natural Perfumes, Moscow.

KHEYFITS, L.A.; MOLDOVANSKAYA, G.I.; KOKHMANSKIY, A.V.; BELOV, V.N.

Terpenophenols. Part 6. Transformations of the products of
condensation of camphene with phenol. Zhur. ob. khim. 33 no.5:
1676-1683 My '63. (MIRA 16r6)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut sinteticheskikh
i natural'nykh dushistykh veshchestv.
(Camphene)
(Phenol condensation products)

MOLDOVANSKAYA, G.I.; KHEYFITS, L.A.; KOKHMAISKIY, A.V.; BELOV, V.N.
[deceased]

Terpene phenols. Part 14: Isobornylphenols and products of
their transformation. Zhur.ob.khim. 33 no.10:3392-3398 0
'63. (MIRA 16:11)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut sintetiches-
kikh i natural'nykh dushistykh veshchestv.

BYSTROV, V.F.; SHULOV, L.M.; KHEYFITS, L.A.; MOLDOVANSKAYA, G.I.

Proton magnetic resonance spectra of terpene phenols prepared
by condensation of camphene with phenol and cresols. Zhur. ob.
khim 34 no.7:2476-2477 JI '64 (MIRA 17:8)

1. Institut khimicheskoy fiziki AN SSSR i Vsesoyuznyy nauchno-
issledovatel'skiy institut sinteticheskikh i natural'nykh
dushistykh veshchestv.

KHEYFITS, L.A.; MOLDOVANSKAYA, G.I.; SHULOV, L.M.

Terpene phenols. Part 20: Structure of terpene radicals in terpene phenols obtained from camphene. Zhur. org. khim. 1 no.6:1057-1063
Je '65. (MIRA 18:7)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut sinteticheskikh i natural'nykh dushistykh veshchestv.

COUNTRY : Rumania H-17
CATEGORY :
ABS. JOUR. : AZKhis., No. 21 1959, No. 75782
AUTHOR : Moldovanu, A.
INST. : Not given
TITLE : The Preparation of Injection Solutions of Sodium Bicarbonate
ORIG. PUB. : Farmacia (RPR), 6, No 5, 451-456 (1958)
ABSTRACT : A new method is proposed for the preparation of NaHCO₃ injection solutions. Tests have shown that the new method has the following advantages: it does not require complex equipment, the passage of CO₂ through the solution, and dispenses with a pH indicator, inasmuch as the solutions obtained have a constant optimum pH (8.2-8.4). The solutions prepared by the method described are readily sterilized.
From author's summary

CARD: 1/1

CALINICENCO, N.; FLORESCU, C.; KOLDOVANU, AI.; BEZMISCU, N.; SUCIU, M.

Research on terrestrial magnetism in the Ceahlau Massif zone
in 1963. Studii fiz tehn Iasi 14 no.2:349-355 '63.

MIHUL, C.; RUSCIOR, C.; SUCIU, M.; MOLDOVANU, AI.

Determination of the aromatic compounds in light gasoline
by the Raman spectral analysis. Studii fiz tehn Iasi 14 no.
2:369-373 '63.

MOLDOVANU, Aurel, ing.

An advance in comparison with the last years. Constr Buc
16 no. 748:2 9 May '64.

1. Head of the Nr.4 Group of Construction Sites of the Regional
Trust for Housing Construction, Suceava.

MOLDOVANU, C., ing.

Modernization of streetcar tracks. Rev transport & no. 8:
342-350 Ag '61.

SURDAN, C.; TOMESCU, V.; DOHOTARU, V.; POPA, M.; IFTIMOVICI, R.; MOLDOVANU, G.;
URACHE, O.; LUPASCU, L., asistent tehnic

On the presence and persistence of aphthous virus in the body of
experimentally infected cattle. Studii cerc inframicrobiol Special
issue-supplement to 12:399-428 '61.

1. Institutul de inframicrobiologie al Academiei R.P.R., Laboratorul
de viroze animale si Institutul de seruri si vacinuri Pasteur,
Bucuresti. 2. Membru al Comitetului de redactie, "Studii si cercetari
de inframicrobiologie" (for Tomescu).

(FOOT-AND-MOUTH DISEASE) (VIRUSES)

H/008/62/000/003/002/002
D286/D304

AUTHOR: Moldovánvi, E., Mechanical Engineer

TITLE: 150 MW capacity atomic power station with a vaporizing reactor, designed by AEG

PERIODICAL: Energia és atomtechnika,¹⁵ no. 3, 1962, 139-143
^

TEXT: The author describes the most important features of the power station. The source of the information is an AEG study of which this paper is a brief summary. There are 3 figures. ✓

ASSOCIATION: Erőmű beruházási vállalat (Power Station Investment Company)

Card 1/1

HOLDOVANYI, Gustav, dr.

Treatment of pericoronitis of the lower wisdom teeth by local injections of penicillin and procaine. Fogorv. szemle 47 no.11: 358-360 nov 54.

1. Kozlemany a Vasvari Pal rep. szak. ti. isk. e.u. alc. -rol.
(Vezetorvos dr. Orban Pal orvosnagya.)

(PENICILLIN, deriv.

procaine penicillin G, ther. of pericoronitis of lower wisdom teeth)

(TEETH, dis.

pericoronitis of lower wisdom teeth, ther., procaine penicillin G)

CSABA, G.; HORVATH, Cecilia; MOLDOVANYI, Ilona

A study on protein content of tissues from vertebrates of different age or of different grade of evolution and its bearing on transplantability, Acta biol. 13 no.3:223-229 '62.

I. Department of Histology and Embryology, Medical University, Budapest (Head: I. Toro).

(NEOPLASMS, EXPERIMENTAL) (CARCINOMA, EHRLICH TUMOR)
(FISH) (BIRDS) (AGING) (PROTEINS) (LIVER)
(UTERUS) (SPLEEN) (AMPHIBIA) (RODENTS)

CSABA, Gyorgy; MOLDOVANYI, Ilona

A new method for the quantitative determination of serum acid mucopolysaccharides (heparin). Kiserl. orvostud. 14 no.3:229-234 Je '62.

1. Budapesti Orvostudományi Egyetem Szövet- és Fejlődéstan Intézete.
(HEPATIN blood)

MOLDOVANYI, Margit

Capillary-microscopic investigations of the nail bed with special reference to fungi. *Borogy.vener.szemle* 36 no.6:278-283 D '60.

I. A Budapesti Orvostudományi Egyetem Bor és Nemikortani Klinikájának (Igazgató: Dr. Foldvari Ferenc egyetemi tanár) közleménye.
(NAILS dia)
(MYCOSIS diag)

MOLDOVEANU, A.

"A model plane with a reactor." p. 19 (Aviatia Sportiva, Vol. 4 No. 8, Aug 1953, Bucuresti).

SO: Monthly List of East European Acquisitions, Vol.3 No.2 Library of Congress Feb 54 Incl

MOLOVEANU, A.

"Pulsatory Motor for Airplanes." P. 7. (AVIATIA SPORTIVA, Vol. 5, No. 1, Jan. 1954, Bucuresti, Rumania.)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. 1, Jan. 1955 Uncl.

MOLDOVEANU, A.

MOLDOVEANU, A. Thinking of the future. p. 12. Vol. 1, no. 12, Dec. 1955.
ARIFILE PATRIEL. Bucuresti, Rumania.

SOURCE: East European Accessions List (EEAL) LC Vol. 5, no. 6, June 1956

MOLDOVEANU, A.

Driving Starter (for Model Planes). Aripile Patriei (The Wings of the
Fatherland), #6128:June 55

HOLDOVEANU, A.

Welding Device for Welding of Model Plane Jet Engines. Aripile Patriei
(The Wings of the Fatherland), #7:27:Jul 55

MILDOVEANU, A.

Synthetic rubber industry, a new branch of the Rumanian chemical industry. p. 459.

REVISTA DE CHIMIE. (Ministerul Industriei Petrolului si Chimiei si Asociatia Stiintifica a Inginerilor si Tehnicienilor din Romania) Bucuresti. Rumania. Vol. 10, no. 8, August 1959.

Monthly List of East European Accessions (EEAI) LC. Vol. 9, no. 1, January 1960

Uncl.

R/003/60/011/008/001/005
A125/A026AUTHORS: Moldoveanu, A.; Butaciu, I., EngineersTITLE: Development of the Synthetic Rubber Industry ¹⁶

PERIODICAL: Revista de Chimie, 1960, Vol. 11, No. 8, pp. 442 - 446

TEXT: Subject article deals with the development of the Rumanian synthetic rubber industry. The following installations will be established: The Petrochimic Combinat (Petrochemical combine) in Borzesti, which will be put into operation step by step starting in 1960; a new Petrochemical combine in Ploesti; and a new synthetic rubber plant, the construction of which will soon be started. The capacity of the existing plants will be increased. Natural gas and casing-head gas will be used for the production of synthetic rubber. The construction of the first Rumanian Combinatul de cauciuc sintetic si produce petrochimice (Synthetic Rubber and Petrochemical Products Combine) in Borzesti was started with Soviet help in 1957 - 1958. The combine is to produce 50,000 t synthetic rubber, 18,000 t phenol and 11,000 t acetone yearly. The synthetic rubber will be a product of the copolymerization of butadiene and α -methylstyrene produced by the same Combine. The raw material i.e., butadiene, butane-butylene fractions, propane-propylene

Card 1/2

Development of the Synthetic Rubber Industry

R/003/60/011/008/001/005
A125/A026

fractions and benzene, will be mainly supplied by the Refinery in Borzești. Reference is made to the cold and warm copolymerization of butadiene and α - methylstyrene. Production of soft rubber with a deformation index "Defo" of approximately 600 - 800 is planned. For production of tires the Rubber Combine in Borzești will produce soft divinylmethylstyrenic rubber mixed with natural rubber. The production of butylic and isoprenic rubber is also considered to be advantageous for Rumania. The authors briefly describe these two types of rubbers, mentioning the Soviet methods of M.O. Farberov and M.S. Nemtov, worked out for the production of isoprene.

Card 2/2

MARINESCU, I., DOMILESCU, C., RUSU, D., NEMTEANU, St., DRAGHICI, C., MOLDOVEANU, C.
and POPESCU, N.

Inst." None.

Title: The Influence of Corn Feed on Blood Constants and the Organism of Horses.
Orig Pub: Probl. zootechn. 1957, No 1, 27-39 (Romanian, R_esume Rus. and French.

Abstract: A control group of horses (2horses) received during 60 days a ration which consisted fo: five kilogram of hay, 4.75 kilograms of oats, 0.5 kilograms of fodder-briquets, 3 kiligrams of straw, and 30 grams of salt. In the second group (2 horses during a week the oats were replaced by crushed corn kernels. Int the third group (4 horses) oats were replaced by corn kerneris. The corn feed did not affect the appetite of horses and brought no changes in the blood content of the animals (hemoglobin, erythrocytes, leukocytes, Reaction of erythrocyte sedimentation etc.)

CURCANEANU, D.; CURCANEANU, Alexandra; MOLDOVEANU, Elena; IONITA, Dumitra

A chromatographic method for the separation and direct determination of DDT and gamma HCH in a mixture. Studii chim Iasi 12 no.2:251-262 '61.

1. Laboratorul central de cercetari al Combinatului chimic Borzesti.

TOPCIU, Vl.; OLARU, Gh.; BACILA, E.; VOICULESCU, D.; MOLDOVANU, E.;
NEVINDGLOVSECHI, O.

Contributions to the study of the epidemic of influenza of
February - March, 1962. Stud. cercet. inframicrobiol. 14
no.5:593-602 '63.

(INFLUENZA) (EPIDEMIOLOGY)

MOLDOVYANU, Gr

RUMANIA/Allergy

U-2

Abs Jour : Ref Zhur - Biol., No 6, 1958, No 27610

Author : Bruckner, I., Moldovyanu, Gr., Kornyanu, M.

Inst : Not Given

Title : The Effect of Artificial Hypothermia Upon Anaphylactic Shock

Orig Pub : Rumynsk. med. obozreniye, 1957, 1, No 1, 27-28. Forevod iz zh. "Fiziol. norm. si patol.", 1956, No 2.

Abstract : No abstract

Card : 1/1

MOLDOVEANU GH.

RUMANIA / Chemical Technology: Chemical Products and Their
Application - Food industry

J-14

Abs Jour : Referat Zhur - Khimiya, No 2, 1958, 6230

Author : Moldoveanu Gh.

Inst : Not given

Title : Measures for Control of Potato Disease of Bread

Orig Pub : Rev. ind. aliment. prod. vegetale, 1956, No 12, 8-11

Abstract : Description of methods for the control of the potato
disease of bread which are recommended by A. D. Pumpyanskiy
(Potato Disease of Bread and Means for Its Prevention,
Pishchepromizdat, 1955).

Card 1/1

Abs Jour : Ref Zhur - Biol., No 7, 1958, 30908

Author : Moldoveanu Gh., Pambucol I.

Inst : -

Title : The Study of the Development of Teeth and of Deriations from the Normal Changes Due to Age as Observed in the Trotter Horses.
(Issledovaniye razvitiya zubov i otkloneniy ot normal'nykh vozrastnykh izmenenii, nablyudayemykh u rysistykh loshadey).

Orig Pub : Anuarul lucrar. stiint. Inst. agron., 1957, 321-334.

Abstract : Through the study of 314 horses of different age of the Trotter breed, it was established that in 63% of cases the picture presented by the teeth corresponds to the age of the horses, as registered in the zootechnical records. 10% of the horses, judging by their teeth, appeared to be older than their actual age, and

Card 1/2

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HOLDOVEANU, GR.

BRUCKNER, I.; HOLDOVEANU, Gr.; CORNEANU, M.

The influence of provoked hypothermia on anaphylactic shock.
Rumanian M. Rev. 1 no.1:26 Jan-May 57.

(HYPOTHERMIA, exper.

eff. on anaphylactic shock in guinea pigs)

(ALLERGY, exper.

anaphylactic shock, eff. of exper. hypothermia in
guinea pigs)

COUNTRY : ROMANIA
CATEGORY : Chemical Technology. Chemical Products and Their Applications. Food Industry
ABS. JOUR. : BZhKhim., No 19, 1959, No. 69506
AUTHOR : Moldoveanu, G.
TITLE : Analysis and Loss Control in Bread Storage
ORIG. PUB. : Rev. ind. aliment. prod. vegetale, 1958, No 6, 4-9
ABSTRACT : Weight losses encountered in 1 kg rye bread loaves and in 0.75 and 0.50 kg wheat rolls were investigated at 3 bakeries in the period of their cooling at 30-35° and at the relative humidity of surrounding air of 55-60%. The losses (in %) during the 4.5-6.0 hours comprized on the average 3.1-3.4 for the rye bread and 3.7-4.5 and 4.6-5.1 for 0.75 and 0.5 kg rolls respectively. The rye bread crust comprized 18% of total weight and had water content of 18%, while water content of the soft part was 44%. The crust of 0.75 kg rolls - 24%,

Card: 1/3

COUNTRY :
CATEGORY :
ABS. JOUR. : *EzhKhim.*, No 10, 1959, No. 69508
AUTHOR :
INSTITUTE :
TITLE :
ORIG. PUB. :
ABSTRACT : water content 15%, soft part 42%. The crust of
Con'd 0.5 kg rolls - 27%, water content 15%, soft part
42%. The following formulas are presented: 1) for
calculating the quantity of dough, required in
the production of bakery products of a specified
weight (in kg): $G_d = 10,000 \text{ Gr} / [(100 - w_c) \cdot (100 - w_r)]$
where G_d is weight of dough, Gr-weight of a pro-
duct after cooling, w_c -losses encountered in bak-
king in %, w_r - losses encountered in cooling;
2) for the determination of weight (in kg) of
products upon removal from the bakery oven:

Card: 2/3

H - 124

COUNTRY :
CATEGORY :

ABS. JOUR. : RZhKhim., No 19, 1959, No. 69506

AUTHOR :
INSTITUTE :

ORIG. PUB. :

ABSTRACT : $G_0 = 100 G_r/100 - \alpha r$, where G_0 is weight of bakery
Card product at the time of removal from an oven. G_r
and αr -- same as above. A diagram depicting the
mechanism of losses encountered in the cooling of
bread is presented.-- A. Marin

Card: 3/3

MOLDOVEANU, GEORGE

NAME: George
 SURNAME: given Name
 Country: Romania
 Academic Degree: Engineer
 Affiliation: [not given]
 Source: Bucharest, Revista de Geografie si Organizarea Teritoriului, No 3, 1961, pp 33-40.
 Date: "A New Method for the Preparation of the Map of the Danube Delta on the Scale of 1:10,000."
 Co-authors:
MOLDOVEANU, George, Engineer. [affiliation not given]
BOZINGANU, George, Engineer. [affiliation not given]
JUNG, Isif. [degree not affiliation not given]

MOLDOWEANG, Gh., Ing.

New types of means for the storage and transportation of
bread. Ind.alim 14 no.9:362-365 8'63.

CATRINESCU, Ana; MOLDOVEANU, Ion

For better health of the workers. Munca sindic 6 no.7:59 JI
'62.

1. Schela Gura Ocritei raionul Tirgoviste, coresp. voluntari.

MOLDOVEANU, M., ing.; PROSCANU, S., ing.

Organization of flux repairs at the Navodari (Dobruja)
Repair Station. Mec electrif agric 9 no.5:29-38 '64.

1. Director, Navodari (Dobruja) Repair Station (for Moldovenau).
2. Navodari (Dobruja) Repair Station (for Proscanu).

MOLDOVENAU, M.

Determining the material responsibility of the employees. Munca
sindic 6 no.7:53 JI '62.

MOLDOVEANU, M.

About the debate proceedings in the Rumanian courts. *Hunca sindic*
6 no.8:53-55 Ag '62.

MOLDOVEANU, M.

Concern in respecting labor legislation, an important task of the
Rumanian trade unions. Munca sindic 6 no. 11:52-54 N '62.

~~MOLODOVANI M~~

A leading fruitful activity of the jurisdictional organs.
Munca sindic 7 no.6:50-52 Je '63.

MOLDOVEANU, N.; SCHELL, H.D.; IORDACHE, C.

Animal biochemistry. Studii cerc biochimie 7 no.1:127-129
'64.

ILIESCO, M.; RADU, I.; BERCEANU, St.; HERGOT, Lucia; IONASESCO, Rebeca;
MOLDOVEANU, N.; SPERDIAN, O. Assistant techniques: MARINESCO, M.

Serological research on the mechanism of autoimmunity in acute and chronic hepatitis in man. Arch. roum. path. exp. microbiol. 23 no.3:805-810 S'63

1. Institut "Dr. I. Cantacuzino", Bucarest (for Iliesco, Radu, Marinesco).
2. Clinique Medicale "Bernat Andrei", Bucarest (for Berceanu, Hergot, Ionasesco).
3. Hopital de Maladies Contagieuses No.2, Bucarest (for Moldoveanu, Sferidian).

SCHELL, H.D.; IORDACHE, C.; MOLDOVEANU, N.; MOTET-GRIGORAS, D.;
BATCU, A.

Medical biochemistry. Studii cerc biochimie 7 no.1:129-132
'64.

MOLDOVEANU, N.; VASU, S.

Food biochemistry. Studii cerc biochimie 7 no.1:132-133
'64.

MOLDOVEANU, N.; TANASESCU, D.; VASU, S.; MOTET-GRIGORAS, D.;
~~BATCU, A.~~

General problems. Research methods. Studii cerc biochimie 7
no.1:119-122 '64.

MOLDOVEANU, Natalia

Anticholinesterase action of some ammonium quaternary salts
derived from o-, m-, p-phenylenediamine and benzidine.
Studii cerc biochimie 7 no.1:77-82 '64.

I. Institute of Biochemistry of the Rumanian Academy.

GAYRAUD, Jean; NAGY, Csaba; MOLDOVEANU, Nicolas

Considerations on a perfect system of the index numbers of
specific energy consumption. Ipari energia 5 no.3:61 M '64.

MOLDOVEANU, Natalia

Action of electric excitation on the level of the phosphoric
adenosine compounds in muscles. Studii cerc biochimie 7 no.3:
385-392 '64.

I. Institute of Biochemistry, Rumanian Academy, Bucharest. Sub-
mitted June 22, 1964.

MOLDOVEANU, Nicolas; CARACUDOVICI, Victor; NAGY, Csaba; GAYRAUD, Jean

Considerations on a rational index number system of specific
energy consumption. Ipari energia 5 no.3:62 M '64.

CARACUDOVICI, V.; GAYRAUD, J.; MOLDOVEANU, N.; NAGY, Ca.

Contributions to the systematization of the indexes of specific
power consumption. Rev electrotechn energet 9 no. 2:201-211
'64.

MARCU, B., ing.; MOLDOVEANU, N., ing.; POPESCU, Gh., ing.

The Warsaw Symposium, May 1962, on the "Rational Utilization of
Electric Power." Energetica Rum 10 no.9:361-378 S '62.

MOLDOVEANU, N.

Norms on reduction of electric power consumptions in Rumania. p. 98.
ENERGETICA. (Asociatia Stiintifica a Inginerilor si Tehnicienilor din
România si Ministerului Energiei Electrice si Industriei Electrotehnice)
Bucuresti. Vol. 4, no. 2, 1956.

So. East European Accessions List Vol. 5, No. 9 September, 1956

EXCERPTA MEDICA Soc.2 Vol.11/4 Physio-biochem-pharm Apr58

Moldoveanu, N.

1817. ANTICHOLINESTERASE ACTIVITY OF SOME QUATERNARY AMMONIUM SALTS - Acțiunea anticholinesterazică a unor săruri cuaternare de amoniu - Moldoveanu N. - COM. ACAD. R. P. R. 1957, 7/1 (39-43) Tables 2
The compounds studied were 2-fluorenyltrimethylammonium iodide (I), dihomoneurine-quinine dibromide (II), dihomoneurine-cocaine bromide, *N*-iso amylaminopyrine bromide, aminopyrine-homoneurine iodide, homoneurine-quinoline bromide and dihomoneurine-nicotine diiodide. Parallelism was found between the anti-ChE activities of the salts and their effects on chronaxie and on the response of the frog rectus abdominis to ACh. I and II were the most active of the series.

FILIPESCU, H.; MOLDOVEANU, N.; VASU, S.

Plant biochemistry. Studii cerc biochimie 7 no.1:125-126
'64.

GUNESCU, V.; PIRVU, V.; MOLDOVEANU, P.

Considerations on non-specific benign acute pericarditis.
Stud cercet med intern 4 no.3:351-360 '63.
(PERICARDITIS)

DRAGANESCU, N.; POPESCU, Gr.; SCROLOG, G.; In colaborare: VASILIU, V.;
DALGEANU, I.; MOLDOVEANU, P.

Incidence of anti-encephalitic antibodies (sheep-tick virus)
in the region of Dobruja. Stud. cercet. inframicrobiol. 15
no.1:51-58 '64.

POPA, Gr.; BAIULESCU, Gh.; MOLDOVEANU, S.

Gravimetric analysis of Zr (IV) with p-nitrobenzol-
azosalicylic acid (PNBAS). Rev chimie 7 no. 1: 375-380
'62.

1. Lehrstuhl für analytische Chemie, Fakultät für Chemie,
Universität Bukarest.

POPA, Gr.; BAIULESCU, Gh.; MOLDOVEANU, S.

Amperometric determination of the Hf(IV) with tartrazine and flavazine L (free acid). Studi cerc chim 11 no.2:287-290 '63.

1. Catedra de chimie analitica a Facultatii de chimie a Universitatii din Bucuresti.

L 38294-66 EWP(j) RM/DS

ACC NR: AP6029172

SOURCE CODE: RU/0003/66/017/002/0103/0103

AUTHOR: Popa, Gr.; Baiulescu, Gh.; Moldoveanu, S.

37
B

ORG: none

TITLE: Zirconyl hexahydroxoantimoniate - a new inorganic ion exchanger

SOURCE: Revista de chimie, v. 17, no. 2, 1966, 103

TOPIC TAGS: ion exchange, heat resistance, irradiation resistance

ABSTRACT: The authors describe a new inorganic ion exchanger with a marked stability in regard to high temperature and radioactive radiations. The exchange capacity of zirconyl hexahydroxoantimoniate was found to be 0.36 mval of Rb per gram and 0.3 mval of Cs per gram; the rubidium and cesium were eluted from the column by a hydrochloric acid solution at a pH of 2.5. Orig. art. has: 3 figures. [Based on authors' Eng. abst.] [JPRS: 36,556]

SUB CODE: 07 / SUBM DATE: none / OTH REF: 003

Card 1/1 JS

UDC: 661.183.12:546.856-33.831.4
2975 21420

MOLDOVEANU, V.

Electric Welding of High Pressure Conduits. (Energetics and Hydrological Engineering), #3:139:Mar. 55

GAVRILA, St. V.; MOLDOVEANU, Xenia

Salivary glands of the turkey hen (*Meleagris gallopavo*).
Studii agr Timisoara 10 no. 2: 291-296 J1-D '63.

Country : USSR
Category : Human and Animal Physiology, The Nervous System
Abs. Jour. : Ref Zhur Biol., No. 2, 1959, No. 8398
Author : Berger, I.; Moldover, T.
Title : Electrodes for Measuring the Biocurrents of the Brain.
Orig Pub. : Materialy po obmenu opytom i nauchn. dostizh. v med. prom-sti, 1957, No. 6 (25), 17--20
Abstract : A description is included of stainless steel electrodes designed for recording potentials from the cerebral cortex, the surface of the cerebellum and subcortical structures in the human during brain surgery. The electrode-holder is attached to the surgical nurse's table.--

Card: 1/1

MOLDOVER, T.D.; VIDGOF, N.B.

Gatings on dies for casting thermoplastic materials under
pressure. Nov.med.tekh. no.4:78-99'61. (MIRA 16:9)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut meditsin-
skikh instrumentov i oborudovaniya.
(PLASTICS IN MEDICINE)

MOLDOVER, T.D.; VIDGOF, N.B.

Foundry system of pressurized forms for casting thermoplastic materials under pressure. Nov. med. tekhn. no. 5:87-107 '61.
(MIRA 17:6)

L. Vsesoyuznyy nauchno-issledovatel'skiy institut meditsinskikh instrumentov i oborudovaniya.

MOLDOVER, T.D.

New apparatus for hysterosalpingography (hysterosalpingograph).
Nov. med. tekhn. no.2:99-105 '64.

(MIRA 18:11)

KHENTOV, R.A., kand.med.nauk; MOLDOVER, T.D., kand.tekhn.nauk

New method of hysterosalpingography. Sov.med. 28 no.4:118-121

Ap '65.

(MIRA 18:6)

1. Meditsinskiy otdel (rukovoditel' - kand.med.nauk V.A.Mastryukov)
i laboratoriya meditsinskikh izdeliy 'z plastmass (rukovoditel' -
kand.tekhn.nauk T.D.Moldover) Vsesoyuznogo nauchno-issledovatel'skogo
instituta meditsinskikh instrumentov i oborudovaniya (dir. - kand.
tekhn.nauk I.P.Smirnov), Moskva.

MOLDOWSKI, M.

MOLDOWSKI, M.

Rosliny olejowe i olejki naturalne. (Wyd. 1.) Warszawa, Państwowe Wydawn. Rolnicze i Lesne, 1955. 324 p. (Oleaginous plants and natural oils. 1st ed.)
DA Not in DLC Poland

SO: MONTHLY INDEX OF EAST EUROPEAN ACCESSIONS (EEAI) LC, VOL. 7, NO. 1, JAN. 1958

MOLDOYAROV, Isanbek Moldoyarovich; AYDAROVA, R.A., otv. red.

[Vegetation of the Kalba Valley basin and its economic
significance] Rastitel'nost' basseina reki Kalba i ee
khoziaistvennoe znachenie. Frunze, Izd-vo AN Kirgiz.SSR,
1964. 205 p. (MIRA 17:9)

MOLDRIKOVA, V.

22

Prague, Onkologičeskij Vestnik, Vol VIII, No 2/3, April 61 (continued)

12. "no stress; Czech Institute of Public Health, Prague 51 pp 127-131. (English summary)"

13. "Attraction phenomenon in the work of hands in young persons. A study of the Institute for the care of Mother and Children (Jelvy pro peči o matku a dítě), Prague-Podolí, p 131."

14. "Voice hygiene during the school day." T. SMIRKOV of the Czechoslovak Academy of Sciences, Faculty of Education, Charles University, Prague, p 131.

15. "Dynamic investigation of the physical development in obese and athletic apprentices in various occupations." S. DEDKOVA and M. VARECKOVA of the Research Institute of Psychiatry (Vyzkumny ústav psychiatrický), Institute of Hygiene, Prague; pp 132-135. (English summary)"

16. "Development of the activity of medical systems, KU, Prague; pp 136-138. (English summary)"

17. "Some problems of hygiene and work of physicians in hospitals." T. SEKOVIC of the Jan Srdic Hospital (Jelvy pro peči o nemocné), Bratislava; p 139.

18. "Working efficiency in apprentices performing and non-performing sports." VI. SIVILSKY of the Research Institute of Physical Culture (Vyzkumny ústav tělovýchovy), Prague; and M. VARECKOVA of the Institute of Hygiene, Prague; pp 139-141. (English summary)"

19. "The strength of dorsal muscles in youngsters in relation to their age and physical condition." V. SMIRKOV of the Institute of Hygiene, Prague; and V. SIVILSKY and M. VARECKOVA of the Research Institute for Physical Culture, Prague; pp 142-144. (English summary)"

20. "Effect of physical training on the physical development, functional condition and sporting performance in youngsters aged 13 to 15 years." J. ŠIMÁKOVÁ, V. SIVILSKY and P. ŠIMÁKOVÁ, VÚV, the Committee for the Organization of Sport, Prague; and V. SIVILSKY and M. VARECKOVA of the Institute of Hygiene, Prague; pp 144-146. (English summary)"

2/4

MERHAUTOVA, J.; SUKOP, J.; JOACHIMSTHALER, F.; tech. spol. BARTOSOVA, S.;
JURINOVA, I.; MOLDRIKOVA, V.; STASTNA, J.; ZBUZKOVA, E.; NEMCOVA, E.

The effect of athletic education on the physical development, functional
condition and sporting performance in the youth aged 10-12 years.
Cesk. hyg. 7 no.2/3:145-152 '62.

1. Vyzkumny ustav telovychovny, Praha.

(GROWTH in inf & child) (PHYSICAL FITNESS in inf & child)
(SPORT MEDICINE) (PHYSICAL EDUCATION AND TRAINING in inf & child)

MOLDVAI, A-S.

Distr: $4E2c/4E3d$

/ Conditions of formation of lithium aluminosilicates.
 Agnes S. Moldvai (Tech. Univ., Budapest). *Acta Chim.*
~~Acad. Ser. Hung.~~ 17, 37-54 (1958) (in English).—The changes
 which occur on firing compns. contg. Li_2CO_3 , Al_2O_3 , and
 SiO_2 were followed by x-ray powder patterns, a dilatometer,
 differential thermal analysis, thermogravimetry, and dif-
 ferential thermogravimetry. Crystal changes occur well
 below sintering temps. and no amorphous phases were ob-
 tained. Neg. thermal expansion was found with β -eucrypt-
 ite and β -spodumene. The temps. at which cryst. changes
 began were established as well as the fact that changes oc-
 curred up to the max. temp. of firing (1340°). Corundum
 could be detected under all circumstances for these mixts.
 whose compns. were Li_2O 2.5-17.5, Al_2O_3 12.5-40.5, and
 SiO_2 47.6-90.0%.

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 2
 15

KORACH, M.; DERI, M.; SASVARI, G.; MOLDVAI, A. S.; PRAGER, I.; ACKERMANN, L.;
SZEKENYI, I.

Examination of the Hungarian fly ashes; fly ash as raw material. Periodica
polytechn chem 5 no. 4:341-356 '61.

1. Lehrstuhl für Chemische Technologie, Technische Universität.

KORAKH, M. [Korach, Mor] prof., dr. (Budapest, XI., Budafoki ut 8);
MOL'DVAI, A. Sh. [Moldvai, A.S.] (Mrs) (Budapest, XII., Szarvas
labor ut 22)

Ceramic chromatography. Acta chimica Hung 37 no.3:261-278 '63.

I. Tekhnicheskij khimicheskij issledovatel'skiy institut
Akademii nauk Vengrii, Budapesht.

MOLDAVI, Emil, ing.

New methods of rapid in vegetable tanning. Industria ussara
11 no.1:3-5 Ja '64.